



PTO/SB/08a/b (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/617,734-Conf. #3606
				Filing Date	July 14, 2003
				First Named Inventor	Gregory Gregoriadis
				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	1	of	4	Attorney Docket Number	G0365.0365/P0365

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RS	AA	US-4,897,355	01/30/1990	Eppstein et al.	
	AB	US-4,515,736	05/07/1985	Deamer	
	AC	US-5,567,433	10/22/1996	Collins	
	AD	US-5,661,025	08/26/1997	Szoka Jr. et al.	
RS	AE	US-5,830,878	11/03/1998	Gorman et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
RS	BA	WO	91/17424	11/14/1991		
	BB	EP	0475178	03/18/1992		
	BC	JP	2-135092	05/23/1990		
	BD	JP	1-047381	02/21/1989		
	BE	WO	95/04524	02/16/1995		
RS	BF	WO	95/13796	05/26/1995		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RS	CA	P.L. FELGNER, ET AL., "Nomenclature for Synthetic Gene Delivery Systems", Human Gene Therapy, 8:511-512, March 20, 1997	
RS	CB	CHRISTOPHER KIRBY, ET AL., "Dehydration-Rehydration Vesicles: A Simple Method for High Yield Drug Entrapment in Liposomes", Research Paper: Academic Department of Medicine, Royal Free Hospital School of Medicine, University of London, Biotechnology, November 1984, pp. 979-984 <i>Bio/Technology 2(11) 979-984, 1984</i>	
RS	CC*	Y. PERRIE, ET AL., "Liposome Entrapped Plasmid DNA: Characterisation Studies" Biochim. Biophys. Acta 1475 (2000), pp. 125-132	
RS	CD*	G. GREGORIADIS, ET AL., "Liposomes Mediated DNA Vaccination", FEBS Letters 402 (1997), pp. 107-110	
RS	CE*	A. BACON, ET AL., "Induction of a Cytotoxic T Lymphocyte (CTL) Response to Plasmid DNA Delivered Via Lipid Liposomes," Journal of Liposome Research, 12 (1&2), (2002), pp. 173-183	
RS	CF*	Y. PERRIE, ET AL., "Liposome Mediated DNA Vaccination: The effect of vesicle composition" Vaccine 19 (2001), pp. 3301-3310	

*[Handwritten signature]* 9/14/05



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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
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				Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	G0365.0365/P0365

DS	CG*	G. GREGORIADIS, "Drug and Vaccine Delivery Systems," In: PharmaTech 2001, World Markets Research Centre Ltd., (2001), pp. 172-176	
BS	CH*	G. GREGORIADIS, "Genetic Vaccines: Strategies for Optimization", Pharmaceutical Research Vol. 15, No. 5 (1998), pp. 661-670	

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

\*References attached. Other references cited in parent case.

9/14/05

<b>APPLICANT'S ART CITATION</b> (Use several sheets if necessary)		Application <b>09/254,695</b>		OFGS File No. <b>P/365-331</b>	
		Applicant <b>Gregory GREGORIADIS</b>			
		Filing Date <b>May 14, 1999</b>		Group Art Unit <b>1651</b>	

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U.S. PATENT DOCUMENTS												
Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate
PS	4	9	4	6	7	8	7	8/7/90	Eppstein, et al.			
	5	0	4	9	3	8	6	9/17/99	Eppstein, et al.			
	5	2	0	8	0	3	6	5/4/93	Eppstein, et al.			
	5	3	6	6	7	3	7	11/22/94	Eppstein, et al.			
	5	4	5	9	1	2	7	10/17/95	Felgner, et al.			
	5	5	4	5	4	1	2	8/13/96	Eppstein, et al.			
	5	5	5	0	2	8	9	8/27/96	Eppstein, et al.			
PS	5	6	2	2	7	1	2	7/22/97	Eppstein, et al.			5/4/94


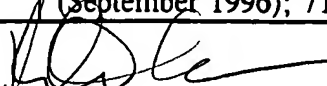
FOREIGN PATENT DOCUMENTS													
	Document Number							Date	Country	Class	Sub-class	Translation	
												Yes	No
PS	0	1	7	2	0	07	B1	5/22/91	EPO				
	0	1	8	7	7	02	A1	7/16/86	EPO				
	9	0/	1	1	0	9	2	10/4/90	WIPO				
PS	9	3/	1	4	7	7	8	8/5/93	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
PS	"Genetic Chemistry: Towards non-enzymatic..." in Targeting of Drugs: Strategies for Oligonucleotide and Gene Delivery in Therapy, eds Gregoriadis, G. and McCormack, B.; Behr, J-P.; 1996. <u>pages 1-6</u>
PS	"Immune Responses with Direct Gene Transfer: DNA Vaccines and Implications for Gene Therapy" from "Targeting of drugs..." op cit; Davis, HL; 1996. <u>pages 1-9</u>
PS	High Yield Incorporation of Plasmid DNA without Liposomes: Effect on DNA Integrity and Transfection Efficiency"; J. Drug Targeting (1996); 3, 469-475; Gregoriadis, G., et al.; 1995.
I	IBC's second annual genetic vaccines and Immunotherapeutic Strategies conference, 1996-abstract by Felgner, et al. "Synthetic Gene Delivery Systems for Nucleic Acid Immunisation" and Ledley, FD "Gene Expression and Delivery Systems for Nucleic Acid Vaccines"; 1996.
I	"Enhanced Gene Delivery and Mechanism Studies with a Novel Series of Cationic Lipid Formulations"; J. Biol. Chem. (1994) 269(4) 2550-2561; Felgner, J.H., et al.; 1994.
I	"Synthetic Gene-Transfer Vectors", Acc. Chem. Res. (1993) 26, 274-278; Behr, J-P; 1993.
PS	"Gene Transfer with Synthetic Cationic Amphiphiles: Prospects for Gene Therapy"; Bioconjugate Chemistry (1994) 5, 382-389; Behr, J-P; 1994.

Examiner <u>PS</u>	Date Considered <u>9/14/05</u>
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<b>APPLICANT'S ART CITATION</b> (Use several sheets if necessary)		Application <b>09/254,695</b>		OFGS File No. <b>P/365-331</b>					
		Applicant <b>Gregory GREGORIADIS</b>							
		Filing Date <b>May 14, 1999</b>		Group Art Unit <b>1651</b>					
<b>U.S. PATENT DOCUMENTS</b>									
Examiner Initial	Document Number				Date	Name	Class	Sub- class	Filing Date If Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>								Translation	
	Document Number				Date	Country	Class	Sub- class	Yes      No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>									
<div style="font-size: 2em; font-family: cursive;">PS</div>	"Mode of Formation and Structural Features of DNA-Cationic Liposome Complexes Used for Transfection"; Biochemistry (1993) 32,7143-7151; Gershon, et al.; 1993.								
<div style="font-size: 2em; font-family: cursive;"> </div>	"DNA-Lipid Complexes: Stability of Honeycomb-Like and Spaghetti-like Structure" Biophysical Journal (November 1997) 73, 2427-2440; May, S.; 11/1997.								
<div style="font-size: 2em; font-family: cursive;"> </div>	"The Structure of DNA-Liposome Complexes"; J. Am. Chem. Soc. (1997); 119, 832-833; Lasic, D.D., et al.; 1997.								
<div style="font-size: 2em; font-family: cursive;"> </div>	"New Structures in Complex Formation Between DNA and Cationic Liposomes Visualised by Freeze-Fraction Electron Microscopy"; FEBS Letts. (1994) 356,361-366; Sternberg, B., et al.; 1994.								
<div style="font-size: 2em; font-family: cursive;"> </div>	"Cationic Liposome-Mediated Transfection"; Nature (January 1989); 337, 387-388; Felgner, P.L., et al.; 1/1989.								
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<div style="font-size: 2em; font-family: cursive;"> </div>	"Multilamellar Structures of DNA Complexes with Cationic Liposomes"; Biophysical Journal (October 1997); 73, 1842-1846; Dan, N.								
<div style="font-size: 2em; font-family: cursive;"> </div>	"Formation of Ordered Domains in Membrane-Bound DNA"; Biophysical Journal (September 1996); 71, 1267-1272; Dan, N.								
<div style="font-size: 2em; font-family: cursive;"> </div>	<div style="display: flex; justify-content: space-between;"> <div>           Examiner  </div> <div>           Date Considered <b>9/14/05</b> </div> </div>								
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